<110> Merck & Co., Inc. Clark, Janet

<120> METHOD FOR IDENTIFYING COMPOUNDS THAT AFFECT EXPRESSION OF TRYPTOPHAN HYDROXYLASE ISOFORM 2

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<150> 60/514268

<151> 2003-10-24

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 Asp
 Asp
 Lys
 Glu
 Asp
 Lys
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 Lys
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 Ser
 Ser

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 5
 10
 15
 15

 Glu
 Arg
 Val
 Thr
 Leu
 Ile
 Phe
 Ser
 Leu
 Glu
 Asp
 Glu
 Val
 Gly

 Gly
 Leu
 Ile
 Lys
 Val
 Leu
 Lys
 Ile
 Phe
 Gln
 Glu
 Asp
 His
 Val
 Ser
 Leu

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 40
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 45
 45
 Asp
 His
 Val
 Ser
 Leu

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Gly Asp Pro Ile Pro Lys Ile Glu Phe Thr Glu Glu Glu Ile Lys Thr
165 170 175

Trp Gly Thr Ile Phe Arg Glu Leu Asn Lys Leu Tyr Pro Thr His Ala
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185
190
Cvs Arg Gly Tyr Leu Arg Asn Leu Bro Leu Leu Sor Lys Tyr Cys Cly

Cys Arg Glu Tyr Leu Arg Asn Leu Pro Leu Leu Ser Lys Tyr Cys Gly
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200
205
Thr Arg Clu Asp Asp Tle Pro Cla Leu Clu Asp Val Ser Asp Pho Leu

Tyr Arg Glu Asp Asn Ile Pro Gln Leu Glu Asp Val Ser Asn Phe Leu 210 220

Lys Glu Arg Thr Gly Phe Ser Ile Arg Pro Val Ala Gly Tyr Leu Ser 225 230 235 240 Pro Arg Asp Phe Leu Ser Gly Leu Ala Phe Arg Val Phe His Cys Thr

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Gln Tyr Val Arg His Ser Ser Asp Pro Leu Tyr Thr Pro Glu Pro Asp

260 265 270

Thr Cys His Glu Leu Leu Gly His Val Pro Leu Leu Ala Glu Pro Ser
275 280 285

Phe Ala Gln Phe Ser Gln Glu Ile Gly Leu Ala Ser Leu Gly Ala Ser Glu Glu Thr Val Gln Lys Leu Ala Thr Cys Tyr Phe Phe Thr Val Glu Phe Gly Leu Cys Lys Gln Asp Gly Gln Leu Arg Val Phe Gly Ala Gly Leu Leu Ser Ser Ile Ser Glu Leu Lys His Ala Leu Ser Gly His Ala Lys Val Lys Pro Phe Asp Pro Lys Ile Ala Cys Lys Gln Glu Cys Leu Ile Thr Ser Phe Gln Asp Val Tyr Phe Val Ser Glu Ser Phe Glu Asp Ala Lys Glu Lys Met Arg Glu Phe Ala Lys Thr Val Lys Arg Pro Phe Gly Leu Lys Tyr Asn Pro Tyr Thr Gln Ser Val Gln Val Leu Arg Asp Thr Lys Ser Ile Thr Ser Ala Met Asn Glu Leu Arg Tyr Asp Leu Asp Val Ile Ser Asp Ala Leu Ala Arg Val Thr Arg Trp Pro Ser Val

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His Val Pro Leu Leu Ala Asp Pro Lys Phe Ala Gln Phe Ser Gln Glu
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Ile Gly Leu Ala Ser Leu Gly Ala Ser Asp Glu Asp Val Gln Lys Leu
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Lys Thr Thr Cys Leu Gln Glu Cys Leu Ile Thr Thr Phe Gln Asp Ala
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Tyr Phe Val Ser Asp Ser Phe Glu Glu Ala Lys Glu Lys Met Arg Asp
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Phe Ala Lys Ser Ile Thr Arg Pro Phe Ser Val Tyr Phe Asn Arg Tyr
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